

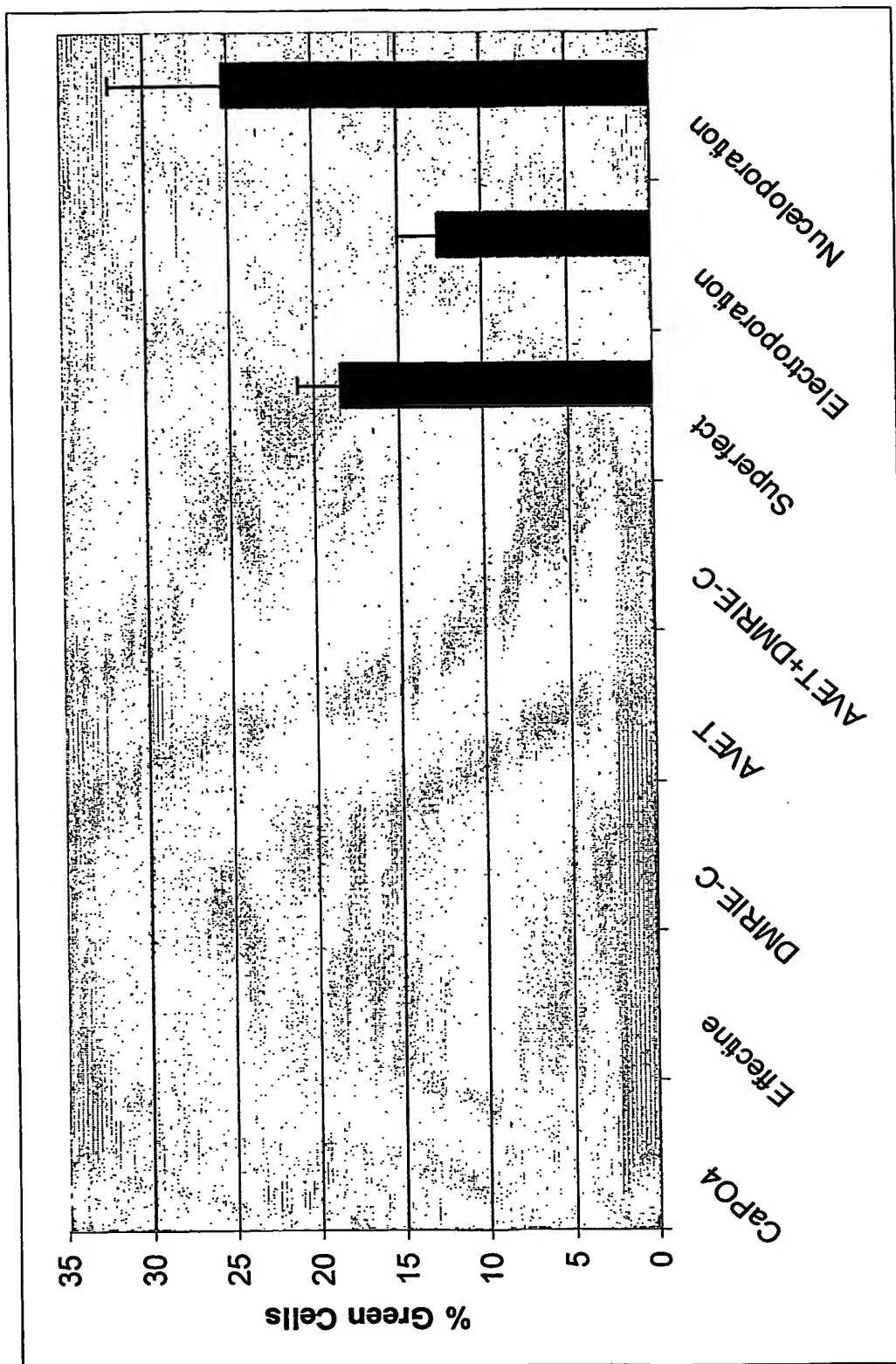
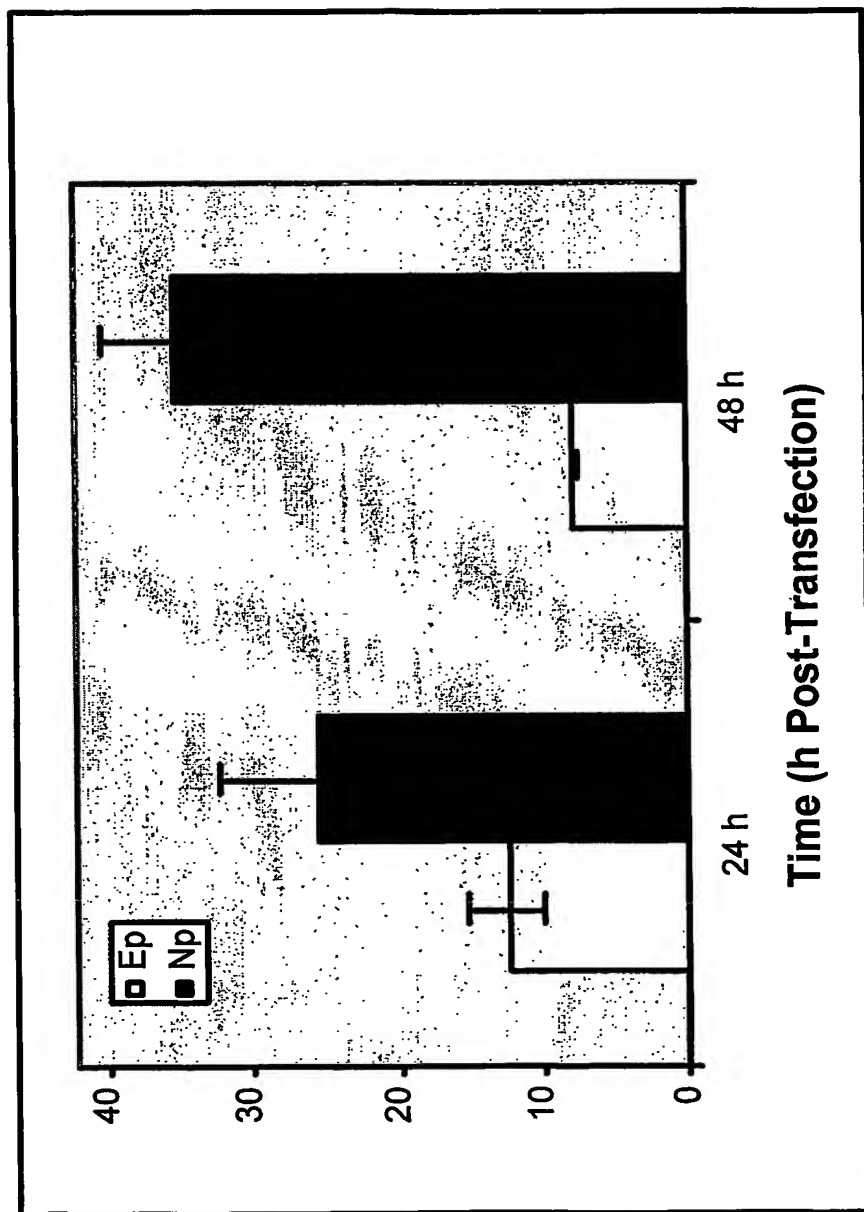
Figure 1

Figure 2

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Figure 3

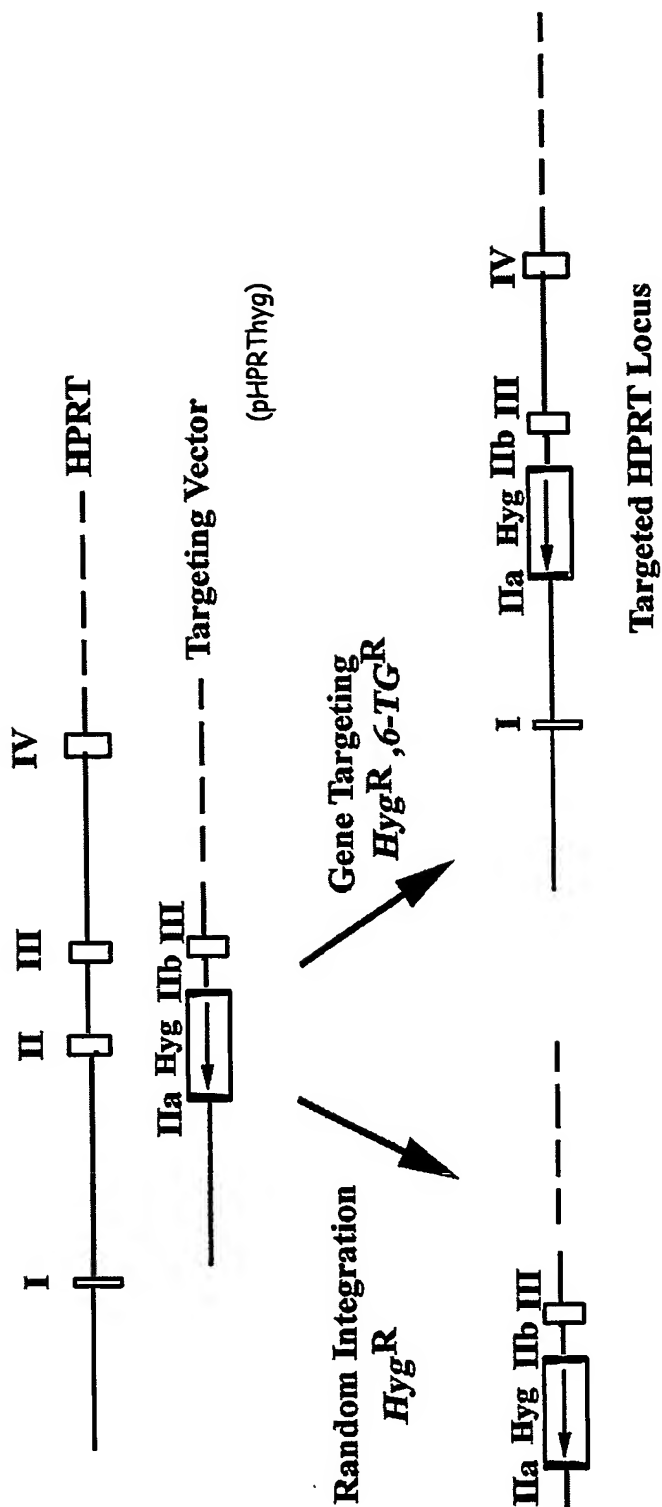


Figure 3

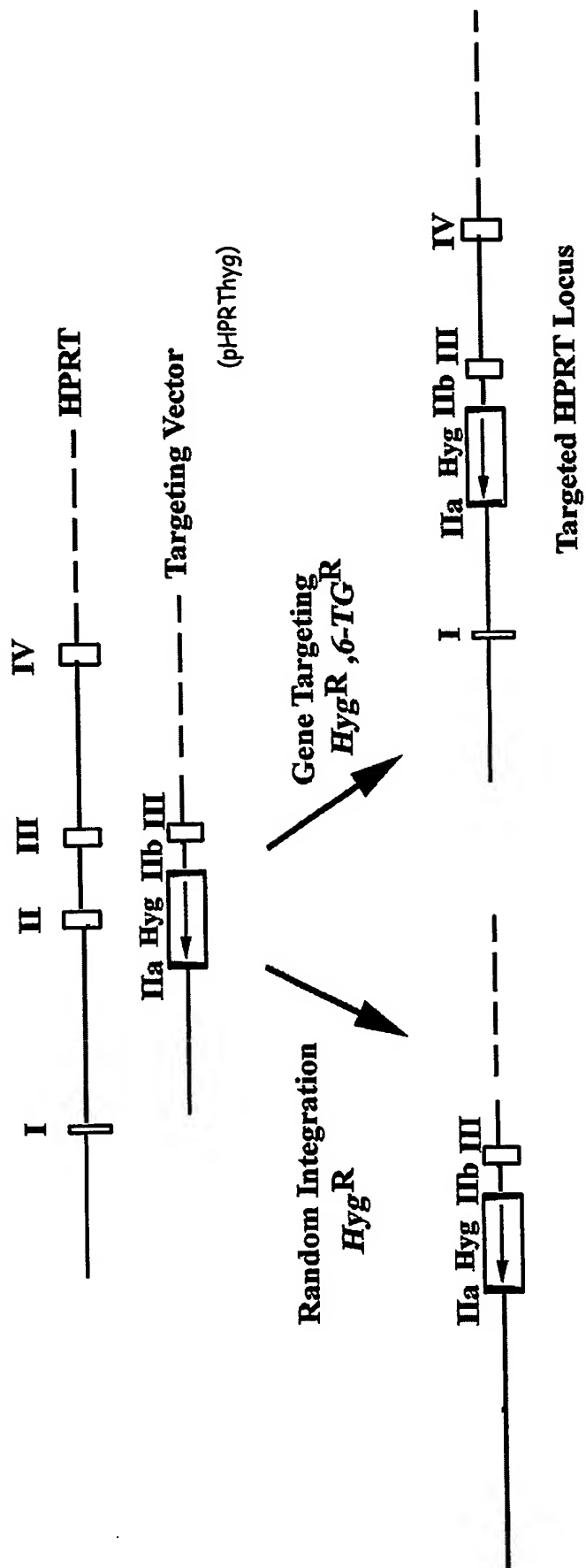


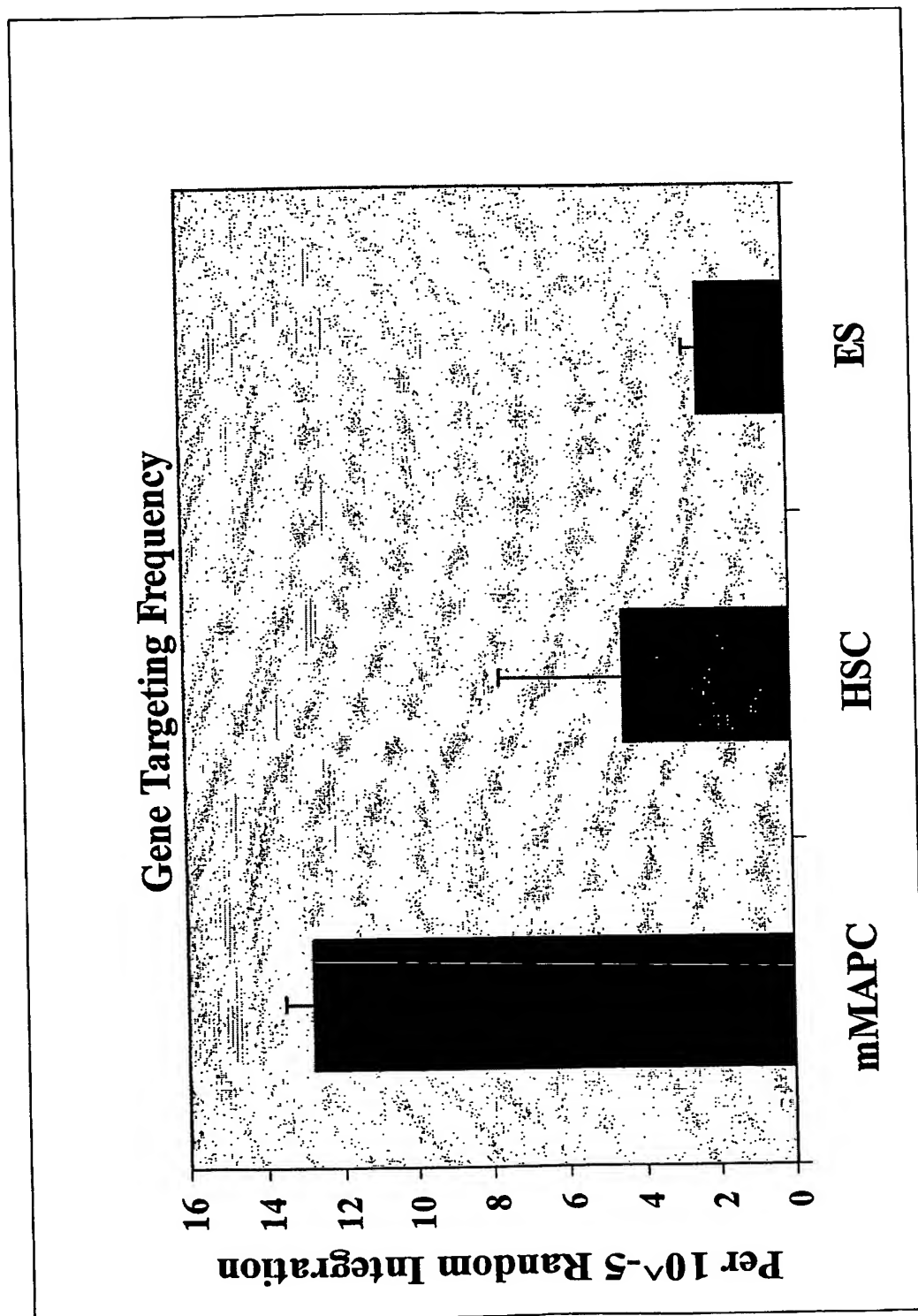
Figure 4

Figure 5

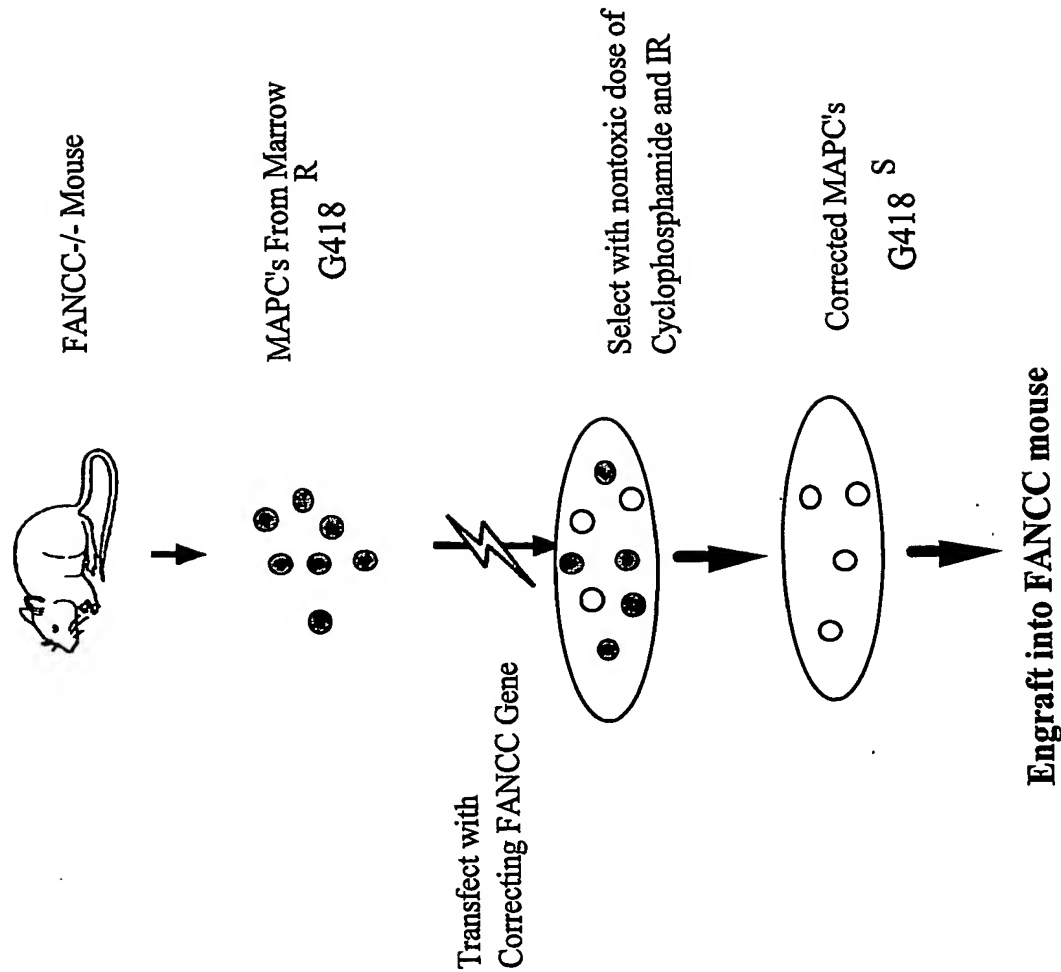
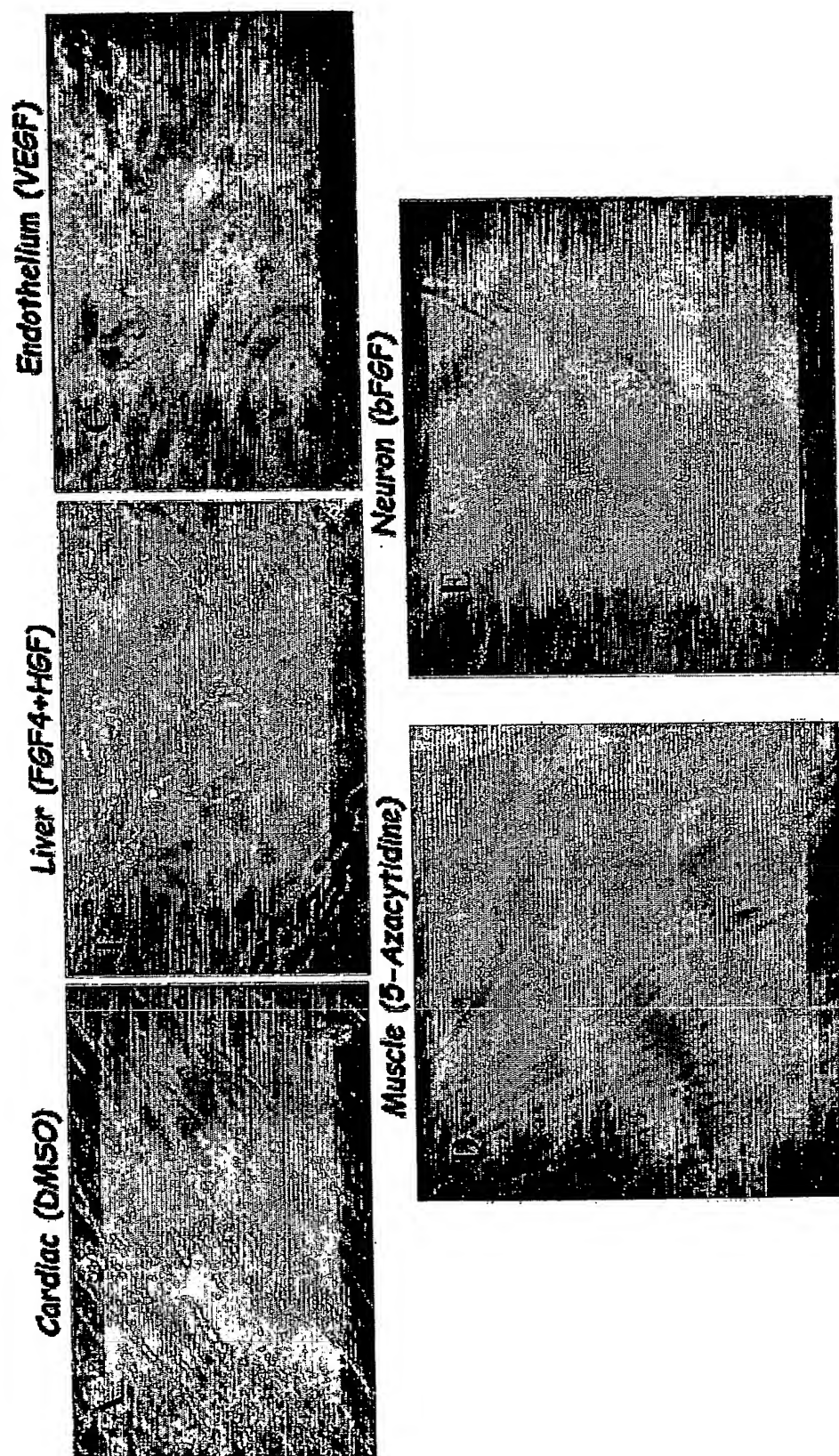


Figure 6



Differentiation-Day 11

Figure 7

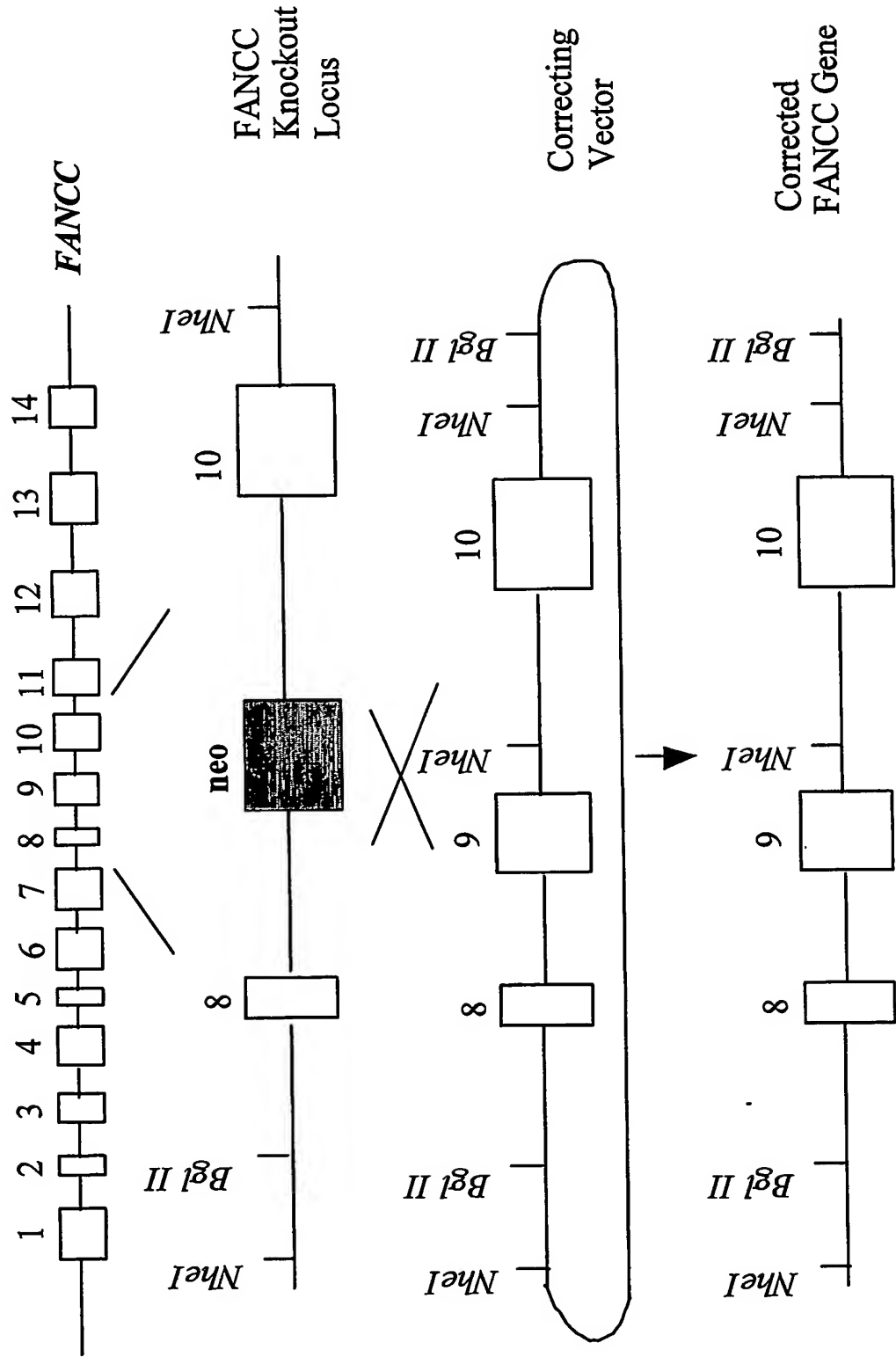


Figure 8

ATGGCTCAAGATTCACTAGATCTTTCTTGTGATTATCAGTTTGGATGCA 50
GAAGCTTTCTGTATGGGATCAGGCTTCCACTTTGGAAACCCAGCAAGACA 100
CCTGTCTTCAAGTGGCTCAGTTCCAGGAGTTCCTAAGGAAGATGATGAA 150>
GCCTTGAAAGAGATGGATTCTAATAACAGTCATTGAAAGATTCCCCACAAT 200>
TGGTCAACTGTTGGCAAAAGCTTGTGGAAATCCTTTATTTTAGCATATG 250>
ATGAAAGCCAAAAAATCTAATATGGTGTATGTTGTCTAATTAACAAA 300>
GAACCACAGAAATCTGGACAATCAAAACTTAACCTCTGGATACAGGGTGT 350>
ATTATCTCATATACTTTCAGCACTCAGATTTGATAAAGAGTTGCTCTTT 400>
TCACCTCAAGGTCTTGGGTATGCACCTATAGATTACTATCCTGGTTTGCTT 450>
AAAAATATGGTTTATCATTAGCGTCTGAACCTCAGAGAGATCACTTAA 500>
TGGATTAAACACTCAAGGCGAATGGCTCCGAGCGAGTGGCGTCCCTGT 550>
CACGAGTTTGTGTCCCACTTATTACCTTGACGATGTTGACCCCTGGTG 600>
GAGGCTCTCCTCATCTGTATGGACGTGAACCTCAGGAAATCCTCCAGCC 650>
AGAGTTCTTTGAGGCTGTAAACGAGGCCATTTTGTGTAAGAAGATTCTC 700>
TCCCCATGTCAAGTGTAGTCTGCTCTGGCTTCGGACCTTCCCAGCCTT 750>
GAAAAGCAATGCTGCATCTTTTGTAAAAGCTAATCTCCAGTGAGAGAAA 800>
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GCACCTCTGGAAACCGATGGGGCCCTGGAAATCAATAGCCACTATTCAAGT 1000>
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GTGCTGCTGCAAGACCCCTCAAGATATCCCTCGGGGACACTGGCTCCAGAC 1150>
ACTGAAGCATATTTCTGAACCTGCTCAGAGAAAGCAGTTGAAGACCAGACTC 1200>
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GGAGGATGGGTGAGATGGTGGCAGAGCAATTAATGATGTCCGGCAGCCGA 1300>
ACCCCCACGGCCCTGTGTGGCTCTTGGCTTCTACTACGGCCCCCGTG 1350>
ATGGGAGGCAGAGAGCACAGACTATGGTCCAGGTGAAGCCGTGTGGGC 1400>
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AGCTGATCAGGCACCTTCTCCTCAACTTCCTGTCTGGGCTCCTGGAGGC 1550>
CACACGATCGCTGGGATGTCAATCACCCTGATGGCTCACACTGTGTAGAT 1600>
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GTCTTGGCATTTGAAAGCCCTAGATCAGAAAAAACTGGCCCCGAGAGCTCCTT 1700>
AAAGAGCTGCGAACTCAAGTCTAG 1724

Figure 9

MAQDSVDLSCDYQFWMQKLSVWDQASTLETQQDTCLHVAQFQEFRLRMYE 50
ALKEMDSNTVIERFPTTIGQLLAKACWNPFILAYDESQKILIWCLCCLINK 100
EPQNSGQSKLNSWIQGVLSHILSALRFDKEVALFTQGLGYAPIDYYPGLL 150
KNMVLASSELRENHLNGFNTQRRMAPERVASLSRVCVPLITLTDVDPLV 200
EALLICHGREPQEILQPEFFEAVNEAILLKKISLPMSAVVCLWLRHLP SL 250
EKAMLHLFEKLISSEARNCLRRIECFIKDSSLPQAACHPAIFRVVDEMFC 300
ALLETDCALEIIATIQVFTQCFVEALEKASKQLRFALKTYFPYTSPSLAM 350
VLLQDPQDI PRGHWLQTLKHISELLREAVEDQTHGSCGGPFESWFLFIHF 400
GGWAEMVAEQLLMSAAEPPTALLWLLAFYGYGPRDGRQRAQTMVQKAVLG 450
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KELRTQV. 558